Political Science 207: Advanced Political Research Methods
Winter 2014

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http://www.polsci.ucsb.edu/faculty/glasgow/ps207/ps207.html

Class meets Tuesdays, 6-8:50pm in Phelps 1526

Course Description

This course will cover a variety of advanced methods for analyzing social science data. Topics we will cover include models to deal with selection and endogeneity problems, panel data and time-series cross-sectional (TSCS) analysis, techniques for dealing with missing data, and geographic information systems (GIS) techniques. Other topics will be determined as we proceed.

Course Requirements

Grades will be based on two components:

- Homework assignments designed to give you hands-on experience with implementing the methods discussed in class using R. These homeworks will typically consist of reading a journal article that uses the method we are currently studying, using R to estimate a model using the method, and a 2-3 page write-up of the results.

- A take home final exam. This exam will be much like the homeworks – one part will be reading and correctly interpreting the statistical models used in journal articles, and one part will be estimating the appropriate statistical model for a series of problems and writing up the results. (50%)  

Readings

There is no required textbook for the class. Instead, we will be reading a variety of journal articles, book chapters, and working papers. Each week’s readings will be posted to our class website.